88888888888888888888888888888888888888	B 8	AAAAAA AAAAAA AAAAAA	A A	\$	RRRRI	RRRRRRRR RRRRRRRR RRRRRRRR		
888	BBB	AAA	AAA	SSS	RRR	RRR	III	řřř
88 <b>8</b> 88 <b>8</b>	888	AAA	AAA	\$25	RRR	RRR	III	rrr -
88 <b>8</b>	BBB	AAA	AAA	SSS	RRR	RRR	III	řřř
88 <b>8</b>	888	AAA	AAA	<b>SSS</b>	RRR	RRR	111	řřř
888	888	AAA	AAA	222	RRR	RRR	III	LLL
88888888888888888888888888888888888888	_B88	AAA	AAA	SSS	RRR	RRR	III	řřř
		AAA	AAA	\$\$\$\$\$\$\$\$		RRRRRRR	III	řřř
88888888888		AAA	AAA	\$\$\$\$\$\$\$\$\$		RRRRRRR	ŢŢŢ	řřř
88888888888		AAA	AAA	\$\$\$\$\$\$\$\$\$		RRRRRRR	III	řřř
888	BBB	****		SSS	RRR	RRR	ŢŢŢ	řřř
888	BBB	****		SSS	RRR	RRR	ŢŢŢ	řřř
888	BBB	AAAAAAAAA		SSS	RRR	RRR	III	rrr
88 <b>8</b>	BBB	AAA	AAA	SSS	RRR	RRR	ŢŢŢ	řřř
888	888	AAA	AAA	SSS	RRR	RRR	ŢŢŢ	ΓΓΓ
888	BBB	AAA	AAA	SSS	RRR	RRR	ŢŢŢ	LLL
88888888888		AAA	AAA	SSSSSSSSSS	RRR	RRR	III	rrrrrrrrrrr
88888888888		AAA	AAA	SSSSSSSSSS	RRR	RRR	ŢŢŢ	
888888888	R	AAA	AAA	\$\$\$\$\$\$\$\$\$\$\$\$	RRR	RRR	111	

88888888 88888888 88 88 88 88 88 88 88 88 888888	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	NN NN NN NN NN NN NNN NN NNNN NN NN NN N	DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	• •
RRRRRRR RRRRRRR RR RR RR RR RR RR RRRRRR	EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE					

This file, BPAFUNDEF.REQ, contains all the symbolic names for RSTS monitor calls, for use by the Basic+ AME.

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Author: John Harper, 22-Feb-79

Modified by:

Jeremy Barker - add symbolic names for minimum values in ranges Edit Author Date Reason 201 John Harper 03-May-79 Add codes for message send/receive Add codes for .SPEC monitor call Add codes for RN1FQ, RN2FQ & set def UUO correct codes for .SPEC Change name to BPAFUNDEF.REQ and remove 219 221 225 25-May-79 31-May-79 Jeremy Barker Jim Ibbett Jeremy Barker 05-Jun-79 1-226 John Sauter 02-001-1979 defense against redundent requires. ! 1-227 Steve Lionel 11-Mar-1980 Add copyright notice.

Top level EMT function code dispatch

LITERAL

```
fun$k_minemt = 0, ! Minimum EMT code value !JB001
fun$k_calfip = 0, ! file Processor (extended)
fun$k_read = 2, ! Read from charnel
fun$k_write = 4, ! Write to channel
fun$k_core = 6, ! Change memory allocation
fun$k_sleep = 8, ! Sleep job
fun$k_peek = 10, ! Peek at monitor memory
```

```
fun§k_spec =
                              11112222223333334444445555
                                                     Device-dependent special function
     fun$k_ttape =
                                                     Enter tape mode
     fun$k_ttech =
                                                     Enter echo mode
     funSk_ttnch =
funSk_ttddt =
funSk_ttrst =
                                                    Disable echo mode
                                                    Enter DDT submode
                                                    Cancel CTRL/O
     fun$k_time =
                                                    Get time information
     funsk_postn = funsk_date =
                                                    Get device horizontal position
                                                    Get current date
     fun$k_set =
                                                    Get keyword bits
     fun$k stat =
fun$k run =
                                                    Get statistics for job
                                                    Run new program
     fun$k_name =
                                                    Set new program name
     funSk_exit =
                                                    Exit to default run-time system
     fun$k_rts =
                                                    Switch to new run-time system
     fun$k_erlog =
fun$k_logs =
                                                    Log an error
                                                    Check for logical devices
     fun$k_clear =
                                                    Clear keyword bits
     funSk_mesag =
                                                    Message send/receive
     fun$k_ccl = fun$k_fss =
                                                    Check for CCL command
                                                    Scan file-name string
     fun$k_uuo =
                                                    Execute SYS call
                              56.
58.
     fun$k_chain =
                                                    Chain to job under same RTS
     fun$k_plas =
                                                  ! Memory management directives
                              58:
     funSk_maxemt =
                                                  ! Maximum EMT code value
  file Processor calls
         Placed in byte 3 of FIRQB for CALFIP directive
LITERAL
    funsk minfip =
                              0.
                                                  ! Minimum FIP function code
                                                                                          !JB001
     fun$k_close =
                                                    Close channel
     fun$k_open =
                                                    Open channel (file already exists)
     fun$k_create =
fun$k_delete =
                                                    Create new file on channel
                                                    Delete file by name
                              6812468
11168
1122222333
                                                    Rename existing file
     funSk_rename =
funSk_dirfq =
funSk_fipuuo =
                                                    Get directory information
Alternative SYS call
     fun$k_errmsg =
                                                    Get error message
Reset (close) all channels
     funSk_reset =
funSk_lookup =
                                                    Look up a file
     fun$k_assign =
fun$k_deassign =
fun$k_deass_all =
                                                    Assign device/logical name
                                                    Deassign a device/logical name
                                                    Deassign all devices
     fun$k_cre_tmp =
fun$k_cre_bin =
                                                    Create temporary file on disk
                                                    Create binary file (compiled image)
Name...as... part 1 ! A221
Name...as... part 2 ! A221
     funsk_rn1fq =
     fun$k_rn2fq =
                              32:
     fun$k_maxfip =
                                                  ! Maximum FIP function code
                                                                                          ! M221
```

```
UUO calls
```

Extended monitor functions - EMT call fun\$k\_uuo. function code in FIRQB byte 3.

```
LITERAL
             fun$k minuuo =
                                                                            -26.
                                                                                                                               ! Minimum UUO function code
            funsk_uufil =
funsk_uuatr =
funsk_uuccl =
funsk_uuset =
funsk_uusc2 =
funsk_uulog =
funsk_uulog =
funsk_uulog =
funsk_uudie =
fu
                                                                            -26.
-25.
-23.
-21.
-21.
                                                                                                                                 ! file placement control
                                                                                                                                     Read/write file attributes
                                                                                                                                     Add/delete CCL command
                                                                                                                                     Terminating file-string scan
Set special run priority
                                                                                                                                     Drop/regain temp privilege
Lock/unlock job in memory
                                                                                                                                      Set no of logins
                                                                            -18,
-17,
                                                                                                                                     Run-time system control
                                                                                                                                     Name run-time system
                                                                            -16.
                                                                                                                                       System shutdown
                                                                                                                                     Accounting dump
                                                                            -15,
                                                                            -14.
                                                                                                                                     Change date/time
                                                                             -13,
                                                                                                                                     Change priority/etc
                                                                             -12.
                                                                                                                                      Get monitor tables (part 2)
                                                                            -11.
                                                                                                                                     Change file backup statistics
                                                                             -10
                                                                                                                                     filename string scan
                                                                             -9,
                                                                                                                                     Hangup a modem
                                                                            -8.
-7.
                                                                                                                                     Device information
                                                                                                                                     Control-C trap enable
                                                                            -6.
                                                                                                                                     Poke monitor memory
             fun$k_uubro =
                                                                                                                                     Broadcast to terminals
             fun$k_uufrc =
                                                                                                                                     Force input to terminals
             fun$k_uutb1 =
                                                                                                                                     Get monitor tables (part 1)
             fun$k_uunlg =
                                                                                                                                     Disable logins
                                                                            -0123456789111316567
                                                                                                                                     Enable logins
             fun$k_uuylg =
             fun$k_uupas =
                                                                                                                                     Create user account
             funsk_uudlu = funsk_uucln =
                                                                                                                                     Delete user account
                                                                                                                                     Clean disk-pack
             fun$k_uumnt =
                                                                                                                                     Mount, set characteristics
             funsk_uulin = funsk_uubye = funsk_uuatt =
                                                                                                                                     Login
                                                                                                                                     Logout
                                                                                                                                     Attach/reattach
            fun$k_uuatt =
fun$k_uudet =
fun$k_uuchu =
fun$k_uuerr =
fun$k_uuass =
fun$k_uudea =
fun$k_uudel =
fun$k_uuzer =
fun$k_uurad =
fun$k_uutrm =
fun$k_uutrm =
fun$k_uulok =
fun$k_uuche =
                                                                                                                                     Detach
                                                                                                                                     Change password/quota, etc
                                                                                                                                     Return error messages
                                                                                                                                     Assign device
                                                                                                                                     Deassign device
                                                                                                                                     Deassign all devices
                                                                                                                                     Zero a device
                                                                                                                                    Read/reset accounting info
Directory lookup
Set terminal characteristics
                                                                                                                                     Lookup on filename
                                                                                                                                     Message send/receive
                                                                                                                                ! Disk caching control
              fun$k_uuche =
```

```
K 13
16-SEP-1984 16:48:02.21 Page
BPAFUNDEF.REQ: 1
      mtf$k_wrt_eof =
mtf$k_rewind =
mtf$k_skip =
mtf$k_bksp =
                                                                                                                        A 219
A 219
A 219
A 219
                                                                      Write EOF mark
                                                                      Rewind
                                                                      Skip records
                                                                      Backspace records
                                        6:
   Codes for terminal .SPEC call functions.
LITERAL
      fun$k_tt_min =
                                                                   ! Minimum term. function code
      fun$k_tt_ctrlo =
fun$k_tt_tape =
fun$k_tt_echo =
fun$k_tt_noecho =
fun$k_tt_onechr =
fun$k_tt_force =
fun$k_tt_broad =
fun$k_tt_cantyp =
                                                                                                                           Cancel CTRL/O
                                                                      Set tape mode
Enable echo & clear tape mode
Disable echo
                                                                      Set single character input
force to term (NOT V1.0)
B'cast to term (NOT V1.0)
                                        6.
7.
                                                                   ! Cancel typeahead
      fun$k_tt_max =
                                        7:
                                                                   ! Maximum term. function code
                                                                                                                         ! A 258
```

End of file BPAFUNDEF.REQ

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